

# Product Datasheet

## Human IL-10 ELISA Kit (Colorimetric) NBP1-89871

Unit Size: 96 Tests

Storage of components varies. See protocol for specific instructions.

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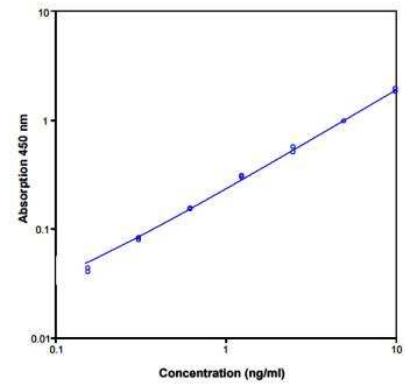
**NBP1-89871****Human IL-10 ELISA Kit (Colorimetric)**

<b>Product Information</b>	
<b>Unit Size</b>	96 Tests
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Storage of components varies. See protocol for specific instructions.
<b>Product Description</b>	
<b>Description</b>	The human IL-10 ELISA is an enzyme-linked immunosorbent assay for the quantitative detection of human IL-10.
<b>Gene ID</b>	3586
<b>Gene Symbol</b>	IL10
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	The interference of circulating factors of the immune system was evaluated by spiking these proteins at physiologically relevant concentrations into a human IL-10 positive serum. There was no crossreactivity detected.
<b>Kit Components</b>	Aluminium pouch(es) with a Microwell Plate coated with monoclonal antibody to human IL-10, Biotin-Conjugate anti-human IL-10 monoclonal antibody, Streptavidin-HRP, Human IL-10 Standard lyophilized, 400 pg/mL upon reconstitution, Control, lyophilized, Assay Buffer Concentrate 20x (PBS with 1% Tween 20 and 10% BSA), Sample Diluent, Amplification Diluent Concentrate (2x), Amplification Reagent I*, Amplification Reagent II, Wash Buffer Concentrate 20x (PBS with 1% Tween 20), Substrate Solution (tetramethyl-benzidine), Stop Solution (1M Phosphoric acid), Adhesive Films, * reagent contains ethyl alcohol
<b>Standard Curve Range</b>	3.15 - 200 pg/mL
<b>Sensitivity</b>	1.0 pg/mL
<b>Inter Assay</b>	CV% < 5.6%
<b>Intra Assay</b>	CV% < 3.2
<b>Assay Type</b>	Sandwich ELISA
<b>Spiking Recovery</b>	The recovery ranged from 81% to 106% with an overall mean recovery of 97%. Please see protocol for more specific Spike Recovery details.
<b>Suitable Sample Type</b>	Cell culture supernatant, serum, plasma (citrate, heparin), buffered solution
<b>Sample Volume</b>	50 uL
<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA



## Images

ELISA: IL-10 ELISA Kit [NBP1-89871] - Representative standard curve for human IL-10 ELISA. Human IL-10 was diluted in serial 2-fold steps in Assay Buffer (1x)





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### **Products Related to NBP1-89871**

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NBP2-35101-10ug	Recombinant Mouse IL-10 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY417-05	IL-10 [Biotin]
M6000B-1	IL-6 [HRP]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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